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KEY TO ABBREVIATIONS USED FOR ARTICLE CLASSIFICATION

AB = Abstract* = Original Article = Announcement **CTSNet**

Correspondence

CT = Collective Review = Case Report

> DI = DiscussionCV = Current Review

ED = Editorial Erratum

= How to Do It

IM = Images in= Invited Commentary

Cardiothoracic Surgery

UP = Update

TR = TributeSH = Our Surgical Heritage RV = Review of Recent Books RE = ReportPA = Presidential Address KR = Key References

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KEY TO ABBREVIATIONS USED FOR ARTICLE CLASSIFICATION

CN = CTSNetCP = Correspondence AB = AbstractAnnouncement

* = Original Article

CR = Case Report CT = Collective Review

> HW = How to Do ItER = ErratumED = Editorial

DI = Discussion

CV = Current Review

IC = Invited Commentary

IM = Images inCardiothoracic Surgery

> KR = Key References **Presidential Address**

RE = Report

RV = Review of Recent Books

SH = Our Surgical Heritage

UP = UpdateTR = Tribute

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Bioprosthesis

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- High glutaraldehyde concentrations mitigate bioprosthetic & others) 2000;70:2091-8* root calcification in the sheep model (Zilla, Weissenstein,
- How to avoid problems with Freestyle valve implantation (Kalangos) 2000;70:1004,CP; Reply (Uemura & Utoh) 2000;
- Stentless aortic valve replacement with Freestyle or Toronto SPV: an early comparison (Riley, Hammon, & others)
- Survival advantage of stentless aortic bioprostheses (Westaby, Horton, & others) 2000;70:785-91*; Discussion 2000;70: 790-1,DI

2000;70:48-52*; Discussion 2000;70:51-2,DI

- A randomized, controlled trial comparing thoracoscopy and
- Thoracoscopic limited thoracotomy for lung biopsy in interstitial lung disease (Miller, Urschel, & others) 2000;70:1647–50* racoscopic localization of nonpalpable rib tumors for excisional biopsy (McDonald & Freeman) 2000;70:318–

- Effect of hemofiltrated whole blood pump priming on hemo-2000;70:1901-6* switch operation in neonates (Nagashima, Imai, & others) dynamics and respiratory function after the arterial
- Processing scavenged blood with a cell saver reduces cerebral lipid microembolization (Kincaid, Jones, & others) 2000;

Blood circulation time

Transit time flow measurement: experimental validation and others) 2000;70:212-7* comparison of three different systems (Beldi, Bosshard, &

Blood coagulation

Alterations in coagulation after implantation of a pulsatile Novacor LVAD and the axial flow MicroMed DeBakey LVAD (Koster, Loebe, & others) 2000;70:533-7*

Blood flow velocity

- Ascending versus descending aortic balloon pumping: organ imura, & Jashari) 2000;70:1264-9* and myocardial perfusion during ischemia (Meyns, Nish-
- Changes in graft flow pattern from the descending aorta due 2000;70:980-2,CR to intraaortic balloon pump (Tsuchida, Yamato, & others)
- Evaluation of graft patency during minimally invasive coro-(Lin, Fisher, & others) 2000;70:1350-4* nary artery bypass grafting with Doppler flow analysis
- Fundus microvascular flow monitoring during retrograde ceothers) 2000;70:1478-82 rebral perfusion: an experimental study (Dong, Guan, &
- Have they really seen the effect of the native coronary blood flow? (Wendler & Schäfers) 2000;70:341,CP; Reply (Royse, Royse, & others) 2000;70:341-2,CP
- Noninvasive assessment of coronary flow reserve in the right gastroepiploic artery graft (Tavilla, Pijls, & others) 2000; 70:2040-4*

Blood gas analysis

Hyperoxia for management of acid-base status during deep hypothermia with circulatory arrest (Pearl, Thomas, & others) 2000;70:751–5*; Invited Commentary (Jonas) 2000;

Blood loss, surgical

- Abciximab and bleeding during coronary surgery: results & others) 2000;70:516-26* from the EPILOG and EPISTENT trials (Lincoff, LeNarz,
- (LeNarz) 2000;70:S38-42*; Discussion 2000;70:S42,DI Current status of cardiac surgery in the abciximab-treated Coronary artery bypass graft in abciximab-treated patients
- patient (Silvestry & Smith) 2000;70:S12-9*
- Management approaches to platelet-related microvascular nough) 2000;70:S20-32* bleeding in cardiothoracic surgery (Despotis & Good-
- Platelet inhibitors and bleeding in cardiac surgical patients (Levy) 2000;70:S9-11*

Blood transfusion

Desmopressin does not reduce bleeding and transfusion retrach, & others) 2000;70:1922-30* quirements in congenital heart operation (Oliver, San-

Blood transfusion, autologous

Postsurgical pleurodesis with autologous blood in patients Torre) 2000;70:270-2* with persistent air leak (Rivas de Andrés, Blanco, & de la

Blood vessels

- Arteriotomy closure by glued patch in the porcine carotid artery (Bastiaanse, Borst, & others) 2000;70:1384-8*
- Relaxation induced by cGMP phosphodiesterase inhibitors arra, & others) 2000;70:1327-31* sildenafil and zaprinast in human vessels (Medina, Seg-
- The role of atrial vessels in aortic root and mitral valve operations (Abuin, Nieponice, & others) 2000;70:1234-

Bosentan

Characterization of the pulmonary arterial response to endothelin-1 and bosentan in neonatal pigs (Domkowski,

> 70:1530,DI Cockerham, & others) 2000;70:1522-30*; Discussion 2000;

Brachiocephalic vein

Intermittent brachiocephalic vein obstruction secondary to a thymic cyst (Miller, LeMaire, & others) 2000;70:662-3,CR

Bradykinin

Bradykinin protects the rabbit heart after cardioplegic ischkranz) 2000;70:2119-24* emia via NO-dependent pathways (Feng. Li,

- Alternate explanation of the "delayed impairment of cerebral
- Antegrade selective cerebral perfusion during operations on 2000;70:15-6,IC & others) 2000;70:10-6*; Invited Commentary (Kazui) oxygenation" (Miyamoto & Miyamoto) 2000;70:1447-8,CP the thoracic aorta: our experience (Di Bartolomeo, Pacini,
- Bohr effect during cooling to and rewarming from 20°C cannot (Watanabe & Shimazaki) 2000;70:690-1,CP be ignored (Miyamoto & Miramoto) 2000;70:690,CP; Reply
- Cerebral complications associated with selective perfusion of the arch vessels (Ueda, Shimizu, & others) 2000;70:
- Fundus microvascular flow monitoring during retrograde ceothers) 2000;70:1478-82* rebral perfusion: an experimental study (Dong, Guan, &
- Monitoring adequacy of brain oxygenation (Miyamoto & Miyamoto) 2000;70:336,CP; Reply (Kadoi & Saito) 2000;70:
- Off-pump coronary bypass operations significantly reduce S100 release: an indicator for less cerebral damage?
- (Wandschneider, Thalmann, & others) 2000;70:1577-9*
 Processing scavenged blood with a cell saver reduces cerebral 70:1296-300* lipid microembolization (Kincaid, Jones, & others) 2000;
- Total arch replacement using aortic arch branched grafts with Washiyama, & others) 2000;70:3-9*; Discussion 2000;70: the aid of antegrade selective cerebral perfusion (Kazui, 8-9,DI

Brain ischemia

Retrocardiac arteriovenous malformation causing recurrent cerebral ischemia (Busch, Aleksic, & others) 2000;70:663-

Thoracoscopic sympathectomy for hyperhidrosis palmaris: periareolar approach (Kesler, Brooks-Brunn, & other) 2000;70:314-7,HW

- Anastomotic complications after bronchoplastic procedures for non-small-cell lung cancer (Yatsuyanagi, Hirata, others) 2000;70:396-400*
- Aortobronchial fistula after endovascular stent graft repair of 2000;70:1407-9,CR the thoracic aorta (VonFricken, Karamanoukian, & others)
- Aortobronchial fistula late after transverse arch replacement (Ono, Takamoto, & others) 2000;70:964-6,CR
- Bronchial and bronchovascular sleeve resection for treatment 2000;70:367-72*; Discussion 2000;70:371-2,DI of central lung tumors (Lausberg, Graeter,
- Bronchobiliary fistula: principles of management (Chua, Allen, & others) 2000;70:1392-4,CR
- Double stenting for esophageal and tracheobronchial stenoses mentary (Ferguson) 2000;70:1807,IC (Nomori, Horio, & others) 2000;70:1803-7*; Invited Com-
- Experimental tracheal reconstruction with a rotated right stem bronchus (Osada & Kojima) 2000;70:1886-70*

Bronchi (cont'd)

Wedge carinal resection for closure of the main bronchus after 987-9,HW pneumonectomy (Fahimi, Casselman, & others) 2000;70:

Bronchial diseases

Bronchial stump aspergillosis (Le Rochais, Icard, & others) 2000;70:302-4,CR

Bronchial neoplasms

Broncholithiasis Tracheobronchial glomus tumor (Lange, Magee, & others) 2000;70:292-5,CR

Role of surgical resection in broncholithiasis (Potaris, Miller,

& others) 2000;70:248-52*; Discussion 2000;70:251-2,DI

Bronchopulmonary sequestration Pulmonary sequestration with myocardial ischemia caused by vasospasm and steal (Nakayama, Kido, & others), 2000;

High glutaraldehyde concentrations mitigate bioprosthetic & others) 2000;70:2091-8* root calcification in the sheep model (Zilla, Weissenstein,

Valve repair in mitral regurgitation complicated by severe annulus calcification (Ng, Punzengruber, & others) 2000;

Calcium channel blockers

Prevention of radial artery graft vasospasm after coronary bypass (Chanda, Brichkov, & Canver) 2000;70:2070-4*

Effects of angiotensin-converting enzyme inhibitor during 2000;70:627-32* warm blood cardioplegia (Hayashida, Chihara, & others)

Carbon dioxide

Hemodynamic effects of carbon dioxide insufflation during 70:1098-9* endoscopic vein harvesting (Vitali, Reddy, & others) 2000;

Carcinoma, bronchogenic

Extended cervical mediastinoscopy in the staging of broncho-2000;70:1641-3* genic carcinoma (Frexinet Gilart, Gámez García, & others)

Carcinoma, squamous cell

Accelerated growth signals and low tumor-infiltrating lym-phocyte levels predict poor outcome in T4 esophageal squamous cell carcinoma (Yasunaga, Tabira, & others) 2000;70:1634-40*

Prognostic significance of DNA ploidy in squamous cell lung carcinoma: is it really worth it? (Dyskiewicz, Kasprzyk, & others) 2000;70:1629-33*

Cardiomyopathy, congestive

Autologous smooth muscle cell transplantation improved others) 2000;70:859-65*; Discussion 2000;70:865,DI heart function in dilated cardiomyopathy (Yoo, Li, &

Myocardial infarction after partial left ventriculectomy (Misawa, Fuse, & Konishi) 2000;70:2185,CP

Cardiomyoplasty

Demand dynamic cardiomyoplasty: mechanograms prove in-(Carraro, Barbiero, & others) 2000;70:67-73* complete transformation of the rested latissimus dorsi

Dynamic cardiomyoplasty in a growing organism (Voss, Thielmann, & others) 2000;70:1291–5*

Functional assessment of skeletal muscle ventricles after pumping for up to four years in circulation (Thomas, Hammond, & others) 2000;70:1281-90*; Discussion 2000; 70:1290,DI

Ventricular remodeling after cardiomyoplasty in heart failure sheep: passive and dynamic effects (Shirota, Kawaguchi, & others) 2000;70:2102-6*

Cardioplegia, induced

Sialyl Lewis* oligosaccharide preserves myocardial and endohorn, Nelson, & others) 2000;70:890-4* thelial function during cardioplegic ischemia (Schermer-

Cardioplegic solutions

Cardioplegia and ischemia in the canine heart evaluated by ³¹P magnetic resonance spectroscopy (Torchiana, Vine, others) 2000;70:197–205*

Effect of induction and reperfusion with warm substrate-Ratcliffe, & others) 2000;70:1301-7* enriched cardioplegia on ventricular function (Wallace,

Effects of angiotensin-converting enzyme inhibitor during 2000;70:627-32* warm blood cardioplegia (Hayashida, Chihara, & others)

Inhibition of RNA transcription modulates magnesiumsupplemented potassium cardioplegia protection (Matsuda, Levitsky, & McCully) 2000;70:2107-12*

Myocardial protection using diadenosine tetraphosphate with ers) 2000;70:901-5* pharmacological preconditioning (Ahmet, Sawa, & oth-

Reducing postischemic reperfusion damage in neonates using reperfusate (Kronon, Allen, & others) 2000;70:765-70* a terminal warm substrate-enriched blood cardioplegic

The role of cardioplegia induction temperature and amino non, Allen, & others) 2000;70:756-64* acid enrichment in neonatal myocardial protection (Kro-

The temperature dependence of cardioplegic distribution in the canine heart (Torchiana, Vine, & others) 2000;70:614-

Cardioprotection

Age dependence of heat stress mediated cardioprotection (Gray, Amrani, & others) 2000;70:621-6*

Bradykinin protects the rabbit heart after cardioplegic ischkranz) 2000;70:2119-24* emia via NO-dependent pathways (Feng, Li, & Rosen-

Cardioprotective effects of FK409, a nitric oxide donor, after isolated rat heart preservation for 16 hours (Zhang, Ori-

Inhibition of RNA transcription modulates magnesiumhashi, & others) 2000;70:1601-6*

supplemented potassium cardioplegia protection (Matsuda, Levitsky, & McCully) 2000;70:2107-12*

S adenosine preconditioning truly cardioprotective in coronary artery bypass surgery? (Belhomme, Peynet, & others) 2000;70:590-4*

Myocardial protection using diadenosine tetraphosphate with pharmacological preconditioning (Ahmet, Sawa, & others) 2000;70:901-5*

Preconditioning of swine heart with monophosphoryl lipid A others) 2000;70:895-900* improves myocardial preservation (Yoshida, Engelman, &

The role of cardioplegia induction temperature and amino non, Allen, & others) 2000;70:756-64* acid enrichment in neonatal myocardial protection (Kro-

Cardiopulmonary bypass

Cardiopulmonary bypass in a patient with heparin-induced anticoagulant (Koster, Loebe, & others) 2000;70:2160heparin and the platelet GP IIb/IIIa inhibitor tirofiban as thrombocytopenia II and impaired renal function using

Cardiopulmonary bypass in patients with heparin-induced thrombocytopenia and thrombosis (Follis & Schmidt) 2000;70:2173-81,CV

- A circuit to perform a combined ultrafiltration procedure in pediatric open heart surgery (Brancaccio, Miraldi, & others) 2000;70:990–2,HW
- Clinical experience in coronary bypass surgery for abciximabtreated patients (Lemmer) 2000;70:S33–7*
- Coronary air embolism after cardiopulmonary bypass: letter 1 (Liotta) 2000;70:1760,CP; Reply (Chaudhuri & Hickey) 2000;70:1761,CP
- Coronary air embolism after cardiopulmonary bypass: letter 2 (Massetti, Bruno, & others) 2000;70:1760-1,CP; Reply (Chaudhuri & Hickey) 2000;70:1761,CP
- Coronary artery bypass graft in abciximab-treated patients (LeNarz) 2000;70:S38-42*; Discussion 2000;70:S42,DI
- Current status of cardiac surgery in the abciximab-treated patient (Silvestry & Smith) 2000;70:S12-9*
- Do peritoneal catheters remove pro-inflammatory cytokines after cardiopulmonary bypass in neonates? (Bokesch, Kapural, & others) 2000;70:639–43*
- Effect of hemofiltrated whole blood pump priming on hemodynamics and respiratory function after the arterial switch operation in neonates (Nagashima, Imai, & others) 2000;70:1901–6*
- Effect of induction and reperfusion with warm substrateenriched cardioplegia on ventricular function (Wallace, Ratcliffe, & others) 2000;70:1301-7*
- Heparin coating of bypass systems (Grossi, Derivaux, & LaPietra) 2000;70:334,CP; Reply (Karl & Horton) 2000;70:
- Hyperoxia for management of acid-base status during deep hypothermia with circulatory arrest (Pearl, Thomas, & others) 2000;70:751–5*; Invited Commentary (Jonas) 2000; 70:755,IC
- Impact of heparin bonding on pediatric cardiopulmonary bypass: a prospective randomized study (Grossi, Kallenbach, & others) 2000;70:191–6*
- Lung ischemia during cardiopulmonary bypass (Schlensak, Doenst, & Beyersdorf) 2000;70:337–8,CP; Reply (Ungerleider) 2000;70:338,CP
- Management approaches to platelet-related microvascular bleeding in cardiothoracic surgery (Despotis & Goodnough) 2000;70:S20-32*
- Monitoring adequacy of brain oxygenation (Miyamoto & Miyamoto) 2000;70:336,CP; Reply (Kadoi & Saito) 2000;70: 337,CP
- Nafamostat mesilate treatment during open heart operation in immune thrombocytopenic purpura (Nakamura, Onitsuka, & others) 2000;70:2161–3,CR
- Norwood operation without circulatory arrest: a new surgical technique (Tchervenkov, Chu, & others) 2000;70:1730–3,HW; Invited Commentary (Pigula) 2000;70:1733,IC
- Off-pump versus on-pump coronary bypass in high-risk subgroups (Yokoyama, Baumgartner, & others) 2000;70:1546– 50*
- The operation for adult patent ductus arteriosus using cardio-pulmonary bypass (Toda, Moriyama, & others) 2000;70: 1935–8*; Invited Commentary (Wernly) 2000;70:1937–8,IC
- Outcome with high blood lactate levels during cardiopulmonary bypass in adult cardiac operation (Demers, Elkouri, & others) 2000;70:2082–6*
- Plasma concentrations of soluble tumor necrosis factor receptor I and tumor necrosis factor during cardiopulmonary bypass (Marano, Garulacan, & others) 2000;70:1313–8*
- Platelet inhibitors and bleeding in cardiac surgical patients (Levy) 2000;70:S9-11*

- Posterior pericardial approach for asccending aorta-todescending aorta bypass through a median sternotomy (Izhar, Schaff, & others) 2000;70:31-7*
- Prevention of post-hypothermic circulatory arrest temporary neurologic deficits (Miyamoto & Miyamoto) 2000;70:1764–5,CP
- Rapid recovery protocol applied to 5,658 consecutive "on-pump" coronary bypass patients (Øvrum, Tangen, & others) 2000;70:2008–12*
- SMA circuits reduce platelet consumption and platelet factor release during cardiac surgery (Defraigne, Pincemail, & others) 2000;70:2075-81*

Cardiopulmonary support

Rapid cardiopulmonary support for children with complex congenital heart disease (Jacobs, Ojito, & others) 2000;70: 742-50*; Invited Commentary (del Nido) 2000;70:750,IC

Cardioscopy

- Video-assisted cardioscopy for intraventricular repair in congenital heart disease (Miyaji, Hannan, & others) 2000;70: 730-7*; Invited Commentary (Shennib) 2000;70:737,IC
- Cardiothoracic Techniques and Technologies Meeting 2000

 Angiographic evaluation of graft patency in minimally inv
- Angiographic evaluation of graft patency in minimally invasive direct coronary artery bypass grafting (Jatene, Pêgo-Fernandes, & others) 2000;70:1066-9*

An automated interrupted suturing device for coronary artery

- bypass grafting: automated coronary anastomosis (Shennib, Korkola, & others) 2000;70:1046-8*

 Capture of particulate emboli during cardiac procedures in which aortic cross-clamp is used (Harringer) 2000;70:
- 1119–23*
 Cerebral microemboli during minimally invasive and conventional mitral valve operations (Schneider, Onnasch, & others) 2000;70:1094–7*
- Combined stentless mitral valve implantation and radiofrequency ablation (Walther, Falk, & others) 2000;70:1080-2*
- Coronary artery bypass grafting on the beating heart evaluated with integrated backscatter (Imasaka, Morita, & others) 2000;70:1049-53*
- Effects on coronary endothelial function of the Cohn stabilizer for beating heart bypass operations (Perrault, Nickner, & others) 2000;70:1111-4*
- Emergence of a new direction in our specialty: catheterassisted cardiac surgery (Shennib) 2000;70:1013-6*
- Endoscopic saphenous vein harvesting: initial experience and learning curve (Vrancic, Piccinini, & others) 2000;70: 1086-9*
- Hemodynamic effects of carbon dioxide insufflation during endoscopic vein harvesting (Vitali, Reddy, & others) 2000; 70:1098-9*
- Inflammatory response and angiogenesis after percutaneous transmyocardial laser revascularization (Bortone, D'Agostino, & others) 2000;70:1134-8*
- Instrumental validation of percutaneous transmyocardial revascularization:follow-updataatoneyear(Bortone, D'Agostino, & others) 2000;70:1115-8*
- Is low ejection fraction safe for off-pump coronary bypass operation? (Arom, Flavin, & others) 2000;70:1021–5*
- A method for mediastinal drainage after cardiac procedures using small silastic drains (Obney, Barnes, & others) 2000;70:1109-10*
- Minimal access approach for surgical management of cardiac tumors (Ravikumar, Pawar, & others) 2000;70:1077-9*
- Minimally invasive direct coronary artery bypass grafting: intermediate-term results (Vassiliades, Rogers, & others) 2000;70:1063–5*

- Cardiothoracic Techniques and Technologies Meeting 2000 (cont'd)
- Mitral valvuloplasty with sutures used for aortic prosthesis 1073-6* implantation (Sarnowski, Ponizyński, & others) 2000;70:
- Off-pump coronary artery bypass grafting: initial experience ers) 2000;70:1070-2* at one community hospital (Hernandez, Clough, & oth-
- Off-pump coronary operation at the Favaloro Foundation: ers) 2000;70:1030-3* results in 264 patients (Weinschelbaum, Machain, & oth-
- Off-pump redo coronary artery bypass grafting (Trehan, Mishra, & others) 2000;70:1026-9*
- Off-pump surgery for anterior vessels in patients with severe dysfunction of the left ventricle (Tugtekin, Gulielmos, & others) 2000;70:1034-6*
- Outcome of geometric endoventricular repair in impaired left ventricular function (Raman, Sakaguchi, & Buxton) 2000;
- Pain is significantly reduced by cryoablation therapy in paothers) 2000;70:1100-4* tients with lateral minithoracotomy (Bucerius, Metz,
- Predictors of outcome in a multicenter port-access valve registry (Glower, Siegel, & others) 2000;70:1054-9*
- A review of 1,582 consecutive Octopus off-pump coronary bypass patients (Hart, Spooner, & others) 2000;70:1017-
- Right heart circulatory support facilitates coronary artery bypass without cardiopulmonary bypass (Mathison, Buffolo, & others) 2000;70:1083–5*
- Robotic-enhanced arterial revascularization for multivessel coronary artery disease (Cichon, Kappert, & others) 2000;
- Surgical strategies in patients at high risk for stroke undergoothers) 2000;70:1037-45* ing coronary artery bypass grafting (Trehan, Mishra,
- Symptomatic improvement after transmyocardial laser revascularization: how long does it last? (De Carlo, Milano, & others) 2000;70:1130-33*
- Use of three-dimensional computed tomography images in (Taguchi, Niibori, & Moro) 2000;70:1090-2* deciding the approach for ministernotomy operations
- Ventricular containment as an adjunctive procedure in ischemic cardiomyopathy: early results (Raman, Power, others) 2000;70:1124-6*
- Wrist-enhanced instrumentation: moving toward totally en-Schneider, & others) 2000;70:1105-8*

Carotid arteries

Carotid and aortic screening for coronary artery bypass grafting (Fukuda, Gomi, & others) 2000;70:2034-9*

Effects of warm ischemia and cryopreservation on cartilage 2000;70:1876-9* viability of tracheal allografts (Kushibe, Tojo, & others)

Case Reports

- Aortobronchial fistula after endovascular stent graft repair of 2000;70:1407-9,CR the thoracic aorta (VonFricken, Karamanoukian, & others)
- Aortobronchial fistula late after transverse arch replacement (Ono, Takamoto, & others) 2000;70:964-6,CR
- Azygos vein diverticulum (Caramutti, Zaidman, & others) 2000;70:665-6,CR
- Bilateral sequential lung transplant for ectodermal dysplasia (Smythe, Bridges, & others) 2000;70:654-6,CR

- Bronchial stump aspergillosis (Le Rochais, Icard, & others) 2000;70:302-4,CR
- Bronchobiliary fistula: principles of management (Chua, Allen, & others) 2000;70:1392-4,CR
- Cardiac catheter guided surgical closure of an apical ventric-70:1402-4,CR ular septal defect (Thomson, Gibbs, & Van Doorn) 2000;
- Cardiopulmonary bypass in a patient with heparin-induced anticoagulant (Koster, Loebe, & others) 2000;70:2160thrombocytopenia II and impaired renal function using heparin and the platelet GP IIb/IIIa inhibitor tirofiban as
- Changes in graft flow pattern from the descending aorta due 2000;70:980-2,CR to intraaortic balloon pump (Tsuchida, Yamato, & others)
- Closed chest bilateral mammary artery grafting in doubleers) 2000;70:1699-701,CR vessel coronary artery disease (Kappert, Cichon, & oth-
- Complete resection of cardiac leiomyosarcoma extending into Takemura, & others) 2000;70:1412-4,CR the pulmonary trunk and right pulmonary artery (Kono,
- Complete surgical repair of aortic atresia with a normal left ventricle (Gandhi, Siewers, & Pigula) 2000;70:2145-7,CR
- Congenital subclavian aortic steal syndrome: hypoplastic aorlocation (Elmacı Onursal, & others) 2000;70:291-2,CR tic arch with severe coarctation of the aorta of unusual
- Coronary artery bypass grafting in adult coronary artery (Dohmen, Dahm, & others) 2000;70:1704-6,CR disease due to suspected Kawasaki disease in childhood
- Coronary artery narrowing after aortic root reconstruction ers) 2000;70:1701-2,CR with resorcin-formalin glue (Martinelli, Graffigna, & oth-
- Diagnosis and management of left ventricular assist device Laube, & others) 2000;70:1404-5,CR valve-endocarditis: LVAD valve replacement (de Jonge,
- Division of venous collateral after Glenn shunt by minimally invasive surgery (Payne, Bensky, & Hines) 2000;70:973-
- Doppler tissue imaging to predict myocardial recovery during
- Double aneurysms of arch and descending aorta associated 2000;70:2149-51,CR mechanical circulatory support (Vermes, Houël, & others)
- Dramatic improvement of LV function after coronary sinus 2000;70:1405-7,CR with right aortic arch (Yasuda, Yamamoto, & Ishida)
- Early failure of bioprosthesis by preserved mitral leaflets (Fasol & Lakew) 2000;70:653-4,CR 961-3,CR

thromboembolectomy (Neri, Tripodi, & others) 2000;70:

- Ectopic metaplastic ossification after sternotomy (Lepore, Geijer, & others) 2000;70:1716-8,CR
- Endarteritis and false aneurysm complicating aortic coarcta-Commentary (Pasic & Hetzer) 2000;70:968-9,IC tion (Idir, Denisi, & others) 2000;70:967-9,CR; Invited
- Entire septal patch technique for septal rupture (Ito, Hagiwara, & Maekawa) 2000;70:273postinfarction ventricular
- Esophageal carcinoma with nonrecurrent inferior laryngeal 5,CR; Invited Commentary (Daggett) 2000;70:274-5,IC nerve (Shimada, Terashima, & others) 2000;70:1722-3,CR
- Extramedullary plasmacytoma presenting with myasthenia gravis and mediastinal mass (Ahmed, Marchbank, & others) 2000;70:1390-2,CR
- FDG imaging of a pulmonary artery sarcoma (Thurer, Thorsen, & others) 2000;20:1414-5,CR

- Glomus tumor of the trachea (Menaissy, Gal, & Mansour) 2000;70:295-7,CR
- Graft replacement for huge aneurysm of the main pulmonary artery (Kuwaki, Morishita, & others) 2000;70:1714-6,CR
- Healing of superior vena cava defect in mediastinal seminoma with invasion (Fang, Ko, & others) 2000;70:667-9,CR
- Kim, & others) 2000;70:975-7,CR

Hemangioma of the right ventricular outflow tract (Kann,

- Heterotopic cardiac transplantation and Batista operation (Onuzo, Slavik, & others) 2000;70:285-7,CR
- Hybrid management of coronary artery disease and coarctation of aorta (Yiu, Sigwart, & Pepper) 2000;70:2153-4,CR
- Infradiaphragmatic totally anomalous pulmonary venous reothers) 2000;70:1400-2,CR with right atrial isomerism (Thompson, McElhinney, & turn with two separate descending veins in association
- Intermittent brachiocephalic vein obstruction secondary to thymic cyst (Miller, LeMaire, & others) 2000;70:662-3,CR
- Interposition vein graft for giant coronary aneurysm repair (Firstenberg, Azoury, & others) 2000;70:1397-8,CR
- Intracardiac ectopic thyroid (Casanova, Daly, & others) 2000; 70:1694-6,CR
- Intraoperative balloon angioplasty for aortic coarctation after Norwood operation (Shirishi, Yamagishi, & others) 2000; 70:289-91,CR
- Intrathoracic fibrin sealant application using computed to-70:301-2,CR mography fluoroscopy (O'Neill, Flanagan, & others) 2000;
- Isolated right ventricular outflow tract mass presenting as hemoptysis (Uppal, Nuño, & others) 2000;70:2158-9,CR
- L→R shunt: a serious consequence of TAPVC repair without 971-3,CR; Invited Commentary (Cope & Kron) 2000;70: ligation of vertical vein (Shah, Shah, & others) 2000;70:
- Left ventricular reduction in a Jehovah's Witness (McMullan, (Ricci & Salerno) 2000;70:960,IC Beyer, & others) 2000;70:958-61,CR; Invited Commentary
- Long-term survival after radical resection of a primary angio-Bürger) 2000;70:1713-4,CR sarcoma of the innominate vein (Rückert, Kröncke, &
- Main pulmonary artery laceration after blunt trauma: accurate 70:955-7,CR preoperative diagnosis (Ambrose, Barrett, & others) 2000;
- Management of empyema complicating lobectomy with supe-2000;70:1720-1,CR rior vena cava replacement (Alifano, Puyo, & others)
- Mechanical bridge to recovery in fulminant myocarditis vited Commentary (Jett) 2000;70:282-3,IC (Westaby, Katsumata, & others) 2000;70:278-83,CR; In-
- Mediastinal dumbbell angiolipoma (Negri, Regolo, & others) 2000;70:957-8,CR
- Missiles in the heart causing coronary artery disease 44 years 70:979-80,CR after injury (Seipelt, Vazquez–Jimenez, & Messmer) 2000;
- Mitral valve repair in a transplanted heart via right thoracotomy (Ladowski) 2000;70:1723-5,CR
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- Short-term bridge to transplant using the BVS 5000 in a 22-kg child (Sadeghi, Marelli, & others) 2000;70:2151-3,CR
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Complete resection of cardiac leiomyosarcoma extending into Takemura, & others) 2000;70:1412-4,CR the pulmonary trunk and right pulmonary artery (Kono,

Hemangioma of the right ventricular outflow tract (Kann, Kim, & others) 2000;70:975-7,CR Intracardiac ectopic thyroid (Casanova, Daly, & others) 2000;

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Early outcome and graft patency in mammary artery grafting of left anterior descending artery with sternotomy or anterior minithoracotomy (Wiklund, Johansson, & others) 2000;70:79-83*; Invited Commentary (McCarthy) 2000;70:

The LAST operation is safe and effective: MIDCABG clinical ers) 2000;70:74-8* and angiographic evaluation (Repossini, Moriggia, & oth-

chia, & others) 2000;70:1378-83* ies: initial and mid-term results (Weinschelbaum, Mac-

Myocardial revascularization with radial and mammary arter-

Pain pattern and left internal mammary artery grafting (Mueller, Tinguely, & others) 2000;70:2045–9*

Reoperative revascularization of a left internal mammary 963-4,CR artery ostial stenosis (Nguyen, Bolman, & Park) 2000;70:

Right Y-graft, a new surgical technique using mammary Prifti, & others) 2000;70:820-3* arteries for total myocardial revascularization (Bonacchi,

Using saphenous vein segments to extend internal mammary grafts are contraindicated: intermediate term results (Tsai) 2000;70:1446,CP; Reply (Takahashi, Ohtake, & others) 2000;70:1446–7,CP; Reply (Tashiro) 2000;70:1447,CP conduits during MIDCAB when arterial interposition

Managing the patient receiving platelet inhibitors in cardiac surgery

Antiplatelet agents in cardiology: the choice of therapy (Steinhubl) 2000;70:S3-8*

Clinical experience in coronary bypass surgery for abciximabtreated patients (Lemmer) 2000;70:S33-7

Coronary artery bypass graft in abciximab-treated patients (LeNarz) 2000;70:S38-42*; Discussion 2000;70:S42,DI

Current status of cardiac surgery in the abciximab-treated

Management approaches to patient (Silvestry & Smith) 2000;70:S12-9* Group recommendations (Levy, Smith, & others) 2000;70:S43* nough) 2000;70:S20-32* bleeding in cardiothoracic surgery (Despotis & Goodplatelet-related microvascular

Platelet inhibitors and bleeding in cardiac surgical patients (Levy) 2000;70:S9-11*

Platelet inhibitors and cardiac surgery (Levy & Smith) 2000;

Manubrium-sparing sternotomy and off-pump coronary ar-Salerno, & Houck) 2000;70:679-80,HW tery bypass grafting in patients with tracheal stoma (Ricci,

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Demand dynamic cardiomyoplasty: mechanograms prove incomplete transformation of the rested latissimus dorsi (Carraro, Barbiero, & others) 2000;70:67-73*

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Mediastinal neoplasms

Extramedullary others) 2000;70:1390-2,CR gravis and mediastinal mass (Ahmed, Marchbank, plasmacytoma presenting with myasthenia

Fatal complication due to a mediastinal tumor (Shimokawa, 2000;70:340-1,CP Watanabe, & Sakasegawa) 2000;70:340,CP; Reply (Takeda)

Healing of superior vena cava defect in mediastinal seminoma with invasion (Fang, Ko, & others) 2000;70:667-9,CR

Mediastinal dumbbell angiolipoma (Negri, Regolo, & others) 2000;70:957-8,CR

Temporary one-and-a-half ventricular repair to relieve lym-Turina) 2000;70:1702-4,CR phomatous obstruction of the pulmonary artery (Prêtre &

Thymic hemangioma presenting with recurrent pleural effusion (Papagiannopoulos, Sheppard, & Goldstraw) 2000; 70:297-9,CR

Mediastinitis

Comparison between closed drainage techniques for the others) 2000;70:924-9* treatment of postoperative mediastinitis (Berg, Brands, &

High-pressure suction drainage via a polyurethane foam the management of poststernotomy mediastinitis (Catarino, Chamberlain, & others) 2000;70:1891–5*

Mediastinitis and long-term survival after coronary artery bypass surgery (Braxton, Marrin, & others)

Prevention of recurrent osteomyelitis using cyanoacrylate gluing in mediastinitis (Oğus, Emir, & others) 2000;70: 1761-2,CP; Reply (Opie) 2000;70:1762,CP; Reply (Demirtas) 2000;70:1762-3,CP

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- Remediastinoscopy after induction chemotherapy small-cell lung cancer (Mateu-Navarro, Rami-Porta, & others) 2000;70:391-5* in non-
- Results of preoperative mediastinoscopy for small-cell lung cancer (Inoue, Nakagawa, & others) 2000;70:1620-3*

Mediastinum

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- Mediastinal lymph node dissection improves survival in patients with stages II and IIIa non-small-cell lung cancer 70:365-6,DI (Keller, Adak, & others) 2000;70:358-66*; Discussion 2000;
- A method for mediastinal drainage after cardiac procedures 2000;70:1109-10* using small silastic drains (Obney, Barnes, & others)
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- Tuberculous lymphadenopathy of superior mediastinum causing vocal cord paralysis (Rafay) 2000;70:2142-3,CR

Psammomatous melanotic schwannoma: presentation of a others) 2000;70:671-2,CR rare primary lung tumor (Simansky, Aviel-Ronen, &

Mersilene tape

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- Mesothelioma
- Gene-modified PA1-STK cells home to tumor sites in patients with malignant pleural mesothelioma (Harrison, Schwarzenberger, & others) 2000;70:407-11*; Discussion 2000;70:
- Malignant mesothelioma of the pleural space (Flores & Sugarbaker) 2000;70:306,IM

Effects of storage and reperfusion oxygen content on substrate others) 2000;70:264-9*; Discussion 2000;70:269,DI metabolism in the isolated rat lung (Meyer, Jessen, &

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- Minimally invasive surgical procedures
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- Assessment of thoracoscopic sympathectomy by infrared thermal imaging (Toda, DiCorte, & McFadden) 2000;70:
- Cerebral microemboli during minimally invasive and convenothers) 2000;70:1094-7 tional mitral valve operations (Schneider, Onnasch,
- Chordal replacement for both minimally invasive and convenloops (von Oppell & Mohr) 2000;70:2166-8,HW tional mitral valve surgery using premeasured Gore-Tex
- Closed chest bilateral mammary artery grafting in doubleers) 2000;70:1699-701,CR vessel coronary artery disease (Kappert, Cichon, & oth-

- A comparison of robot-assisted versus manually constructed 2000;70:839-43*; Discussion 2000;70:842-3,DI endoscopic coronary anastomosis (Boyd, Desai, & others)
- Coronary revascularization of the circumflex system: different others) 2000;70:1371-7* approaches and long-term outcome (Stamou, Bafi, &
- Division of venous collateral after Glenn shunt by minimally invasive surgery (Payne, Bensky, & Hines) 2000;70:973-
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- Effects of minimal invasive coronary artery bypass on pulmonary function and postoperative pain (Lichtenberg, Hagl, & others) 2000;70:461–5*
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- Endoscopic computer-enhanced beating heart coronary artery Invited Commentary (Wolf) 2000;70:2033,IC bypass grafting (Falk, Fann, & others) 2000;70:2029-33*;
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- 1431-3,HW bypass grafting (Niinami, Takeuchi, & others) 2000;70:
- Markers of myocardial ischemia after minimally invasive and ers) 2000;70:2023-8* conventional coronary operation (Kilger, Pichler, & oth-
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- others) 2000;70:456-60* midterm results and quality of life (Biglioli, Antona, &
- Minimally invasive esophagectomy (Luketich, Schauer, & others) 2000;70:906-12*; Discussion 2000;70:911-2,DI
- Minimally invasive limited pericardiectomy: the hybrid approach (Ohtsuka, Takamoto, & others) 2000;70:1429-
- Minimally invasive saphenous vein harvesting techniques: egeler, & others) 2000;70:473-8* morphology and postoperative outcome (Fabricius, Di-
- Needlescopic thoracic sympathectomy: treatment for palmar hyperhidrosis (Goh, Cheah, & others) 2000;70:240-23
- Predictors of outcome in a multicenter port-access valve registry (Glower, Siegel, & others) 2000;70:1054-9*

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- Pulmonary function after lobectomy: video-assisted thoracic surgery versus thoracotomy (Nakata, Saeki, & others) 2000;70:938-41*
- Reduced incidence of atrial fibrillation with minimally invasive direct coronary artery bypass (d'Amato, Savage, & others) 2000;70:2013-6*
- Robotic-assisted instruments enhance minimally invasive mitral valve surgery (LaPietra, Grossi, & others) 2000;70:835–8*; Discussion 2000;70:838,DI
- Thoracoscopic completion thymectomy in refractory nonthymomatous myasthenia (Pompeo, Nofroni, & others) 2000; 70:918-23*; Invited Commentary (Monden) 2000;70:923,IC
- Thoracoscopic esophageal mobilization for pharyngolaryngoesophagectomy (Law, Fok, & others) 2000;70:418–22*
- Thoracoscopic plication of diaphragmatic eventration using endostaplers (Moon, Wang, & others) 2000;70:299-300,CR Three-dimensional computed tomography for reoperative minimally invasive coronary artery bypass (Ohtsuka,

Akahane, & others) 2000;70:1734-5,HW

Using saphenous vein segments to extend internal mammary conduits during MIDCAB when arterial interposition grafts are contraindicated: intermediate term results (Tsai) 2000;70:1446,CP; Reply (Takahashi, Ohtake, & others) 2000;70:1446–7,CP; Reply (Tashiro) 2000;70:1447,CP

Mitochondria

Viability of cryopreserved semilunar valves: an evaluation of cytosolic and mitochondrial activities (Tominaga, Kitagawa, & others) 2000;70:792–5*

Mitral valve

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 Chordal replacement for both minimally invasive and conven-
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 Combined stentless mitral valve implantation and radiofre-
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- Early failure of bioprosthesis by preserved mitral leaflets (Fasol & Lakew) 2000;70:653-4,CR

2000;70:432-7

- Influence of concomitant CABG and urgent/emergent status on mitral valve replacement surgery (Thourani, Weintraub, & others) 2000;70:778-84*; Discussion 2000;70:783-4,DI
- Late results of mitral valve reconstruction in the elderly (Grossi, Zakow, & others) 2000;70:1224-6*
- Mitral valve myxoma concomitant with papillary fibroelastoma (Prifti, Bonacchi, & Salica) 2000;70:335-6,CP; Reply (Howard, Aldea, & others) 2000;70:336,CP
- Mitral valve repair in a transplanted heart via right thoracotomy (Ladowski) 2000;70:1723-5,CR

- Mitral valvuloplasty with sutures used for aortic prosthesis implantation (Sarnowski, Ponizyński, & others) 2000;70: 1073–6*
- Papillary muscle repair surgery in ischemic mitral valve patients (Fasol, Lakew, & others) 2000;70:771–7*; Discussion 2000;70:776–7,DI
- Predictors of outcome in a multicenter port-access valve registry (Glower, Siegel, & others) 2000;70:1054-9*
- Right thoracotomy for mitral reoperation: analysis of technique and outcome (Holman, Goldberg, & others) 2000; 70:1970–3*
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- The role of atrial vessels in aortic root and mitral valve operations (Abuin, Nieponice, & others) 2000;70:1234-7*
- Ten-year trends in heart valve replacement operations (Thourani, Weintraub, & others) 2000;70:448-55*
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 Valve repair in mitral regurgitation complicated by severe annulus calcification (Ng, Punzengruber, & others) 2000; 70:53–8*

Models, biological

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- Isolated four-chamber working swine heart model (Chinchoy, Soule, & others) 2000;70:1607–14*
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Monophosphoryl lipid A

Preconditioning of swine heart with monophosphoryl lipid A improves myocardial preservation (Yoshida, Engelman, & others) 2000;70:895–900*

Mortality rate

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- Effect of preoperative aspirin use on mortality in coronary artery bypass grafting patients (Dacey, Nunoz, & others) 2000;70:1986–90*
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- Interventions associated with minimal Fontan mortality (Van Arsdell, McCrindle, & others) 2000;70:568-74*; Invited Commentary (Jacobs) 2000;70:574,IC
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Mucocutaneous lymph node syndrome

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- Twenty-two-year follow-up of saphenous vein grafts in pedi-70:1706-8,CR; Invited Commentary (Rainer) 2000;70: atric Kawasaki disease (Suda, Takeuchi, & others) 2000;

Muscle, smooth

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- Contractile smooth muscle cell apoptosis early after saphe-1154-60*; Discussion 2000;70:1159-60,DI nous vein grafting (Roberts, Follette, & others) 2000;70:

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- Extramedullary plasmacytoma presenting with myasthenia gravis and mediastinal mass (Ahmed, Marchbank, & others) 2000;70:1390-2,CR
- Myasthenia gravis: recommendations for clinical research Invited Commentary (Mulder) 2000;70:334,IC standards (Jaretzki, Barohn, & others) 2000;70:327-34*;
- Pulmonary function after thoracoscopic thymectomy versus Walter, & Müller) 2000;70:1656-61*; Discussion 2000;70: median sternotomy for myasthenia gravis (Rückert,
- Reversed-T upper mini-sternotomy for extended thymectomy 2000;70:1423-5,HW in myasthenic patients (Grandjean, Lucchi, & Mariani)
- Thoracoscopic completion thymectomy in refractory nonthy-70:918-23*; Invited Commentary (Monden) 2000;70:923,IC momatous myasthenia (Pompeo, Nofroni, & others) 2000;

Myocardial infarction

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- Myocardial outflow of prostacyclin in relation to metabolic (Lockowandt, Öwall, & Franco-Cereceda) 2000;70:206-11* stress during off-pump coronary artery bypass grafting
- Pulmonary sequestration with myocardial ischemia caused by 70:304-5,CR vasospasm and steal (Nakayama, Kido, & others), 2000;
- Ventricular containment as an adjunctive procedure in ischothers) 2000;70:1124-6* emic cardiomyopathy: early results (Raman, Power,

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- Amrinone preconditioning in the isolated perfused rabbit heart (Saltman, Gaudette, & others) 2000;70:609-13*
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- Is adenosine preconditioning truly cardioprotective in coroers) 2000;70:590-4* nary artery bypass surgery? (Belhomme, Peynet, & oth-
- Ischemic preconditioning: how close are we to therapeutic implementation? (Mentzer) 2000;70:356-7,ED
- Mechanisms of the acute ischemic preconditioning (Miyamoto
- Myocardial protection using diadenosine tetraphosphate with & Miyamoto) 2000;70:2186,CP
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- Pharmacological preconditioning with the adenosine triphosman, Krukenkamp, & others) 2000;70:595-601* phate-sensitive potassium channel opener pinacidil (Salt-
- Preconditioning of swine heart with monophosphoryl lipid A others) 2000;70:895-900* improves myocardial preservation (Yoshida, Engelman, &
- Preconditioning with PKC and the ATP-sensitive potassium kamp, & others) 2000;70:602-8* channels: a codependent relationship (Gaudette, Kruken-

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- Right Y-graft, a new surgical technique using mammary Prifti, & others) 2000;70:820-3* arteries for total myocardial revascularization (Bonacchi,
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Myocardium

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- Correlation between ICAM-1 and functional recovery of piglet Han, & Seo) 2000;70:1531-5* myocardium with leukocyte-depleted reperfusion (Lee,
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- Intramyocardial impedance measurements for diagnosis of others) 2000;70:527acute cardiac allograft rejection (Pfitzmann, Müller, 32
- Recurrent remodeling after ventricular assistance: is longbaum, & others) 2000;70:1255-8* term myocardial recovery attainable? (Helman, May-
- The role of cardioplegia induction temperature and amino non, Allen, & others) 2000;70:756-64* acid enrichment in neonatal myocardial protection (Kro-
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Markers of myocardial ischemia after minimally invasive and ers) 2000;70:2023-8* conventional coronary operation (Kilger, Pichler, & oth-

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Nafamostat mesilate

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Inhibition of needlestick-induced simulated viremia by local

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- Surgical results for small-cell lung cancer based on the new 1615-9* TNM staging system (Inoue, Miyoshi, & others) 2000;70:

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Ross procedure

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Splenic rupture as a consequence of giant paraesophageal hernia (Szwerc & Landreneau) 2000;70:1727-8,CR

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Bridge to recovery for postcardiotomy failure: is there still a role for centrifugal pumps? (Hoy, Mueller, & others) 2000;70:1259–63*

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- Ectopic metaplastic ossification after sternotomy (Lepore, Geijer, & others) 2000;70:1716-8,CR
- Exposure and mechanical stabilization in off-pump coronary noukian, & others) 2000;70:1736-40,HW artery bypass grafting via sternotomy (Ricci, Karama-
- Heart displacement during off-pump CABG: how well is it tolerated? (Nierich, Diephuis, & others) 2000;70:466-72*
- High-pressure suction drainage via a polyurethane foam in tarino, Chamberlain, & others) 2000;70:1891-5* the management of poststernotomy mediastinitis (Ca-
- Lower sternal splitting approach for off-pump coronary artery 1431-3,HW bypass grafting (Niinami, Takeuchi, & others) 2000;70:
- Manubrium-sparing sternotomy and off-pump coronary ar-Salerno, & Houck) 2000;70:679-80,HW tery bypass grafting in patients with tracheal stoma (Ricci,
- Median sternotomy versus thoracotomy to resect primary others) lung cancer: analysis of 815 cases (Asaph, Handy, & 2000;70:373-9*; Correction 2000;70:2187,ER
- Pulmonary function after thoracoscopic thymectomy versus 1661, D Walter, & Müller) 2000;70:1656-61*; Discussion 2000;70: median sternotomy for myasthenia gravis (Rückert,
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- Minimally invasive limited pericardiectomy: the hybrid approach (Ohtsuka, Takamoto, & others) 2000;70:1429
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- Needlescopic thoracic sympathectomy: treatment for palmar hyperhidrosis (Goh, Cheah, & others) 2000;70:240-2*
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